

100

100  
START PROCESS

110

STORE IN MEMORY A SEGMENT OF DATA TO BE  
TRANSMITTED

120

SOCKET LAYER ACTS TO PROCESS SEGMENT TO  
PRODUCE AN ARRAY OF LINKED DATA BLOCKS

130

TCP LAYER USES A BATCH PROCESS TO ADD A FIRST  
HEADER TO EACH BLOCK OF ARRAY OF LINKED DATA BLOCKS

140

IP LAYER USES A BATCH PROCESS TO ADD SECOND HEADER  
TO EACH BLOCK OF ARRAY OF LINKED DATA BLOCKS

150

IP LAYER TO IDENTIFY BLOCKS IN ARRAY TO COMMUNICATION  
SUBSYSTEM FOR COMMUNICATION OVER TRANSMISSION MEDIUM

160

NIC COMMUNICATES OVER TRANSMISSION MEDIUM  
ONE PACKET AT A TIME

199

END PROCESS

FIGURE 1

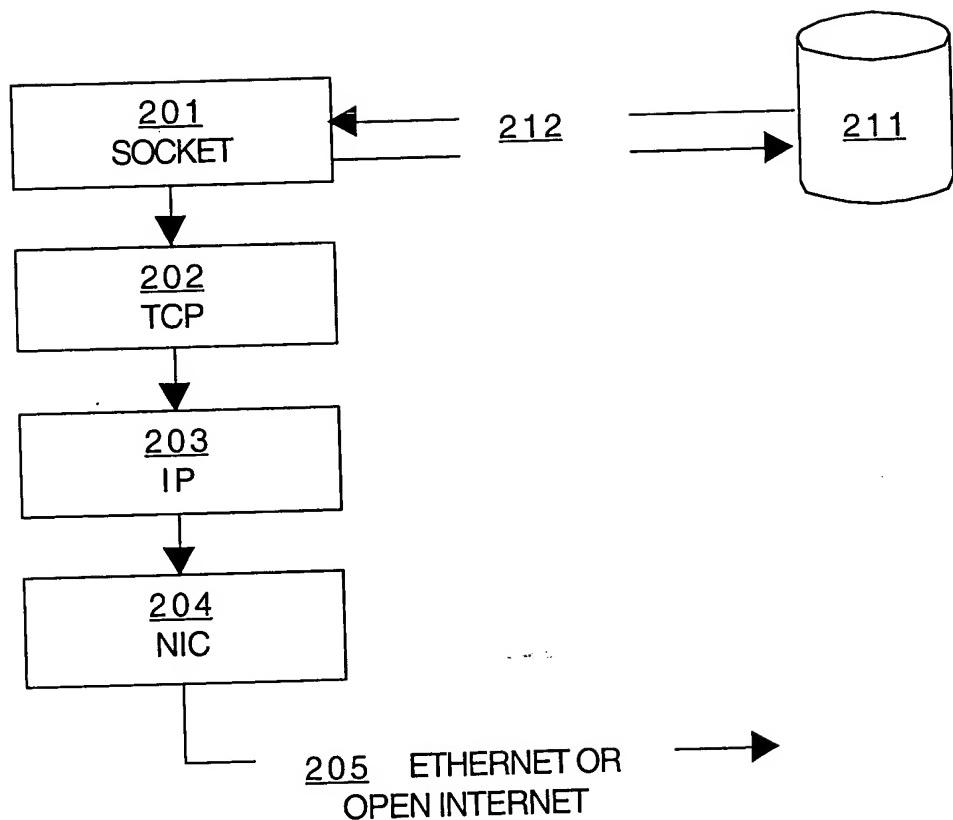


FIGURE 2

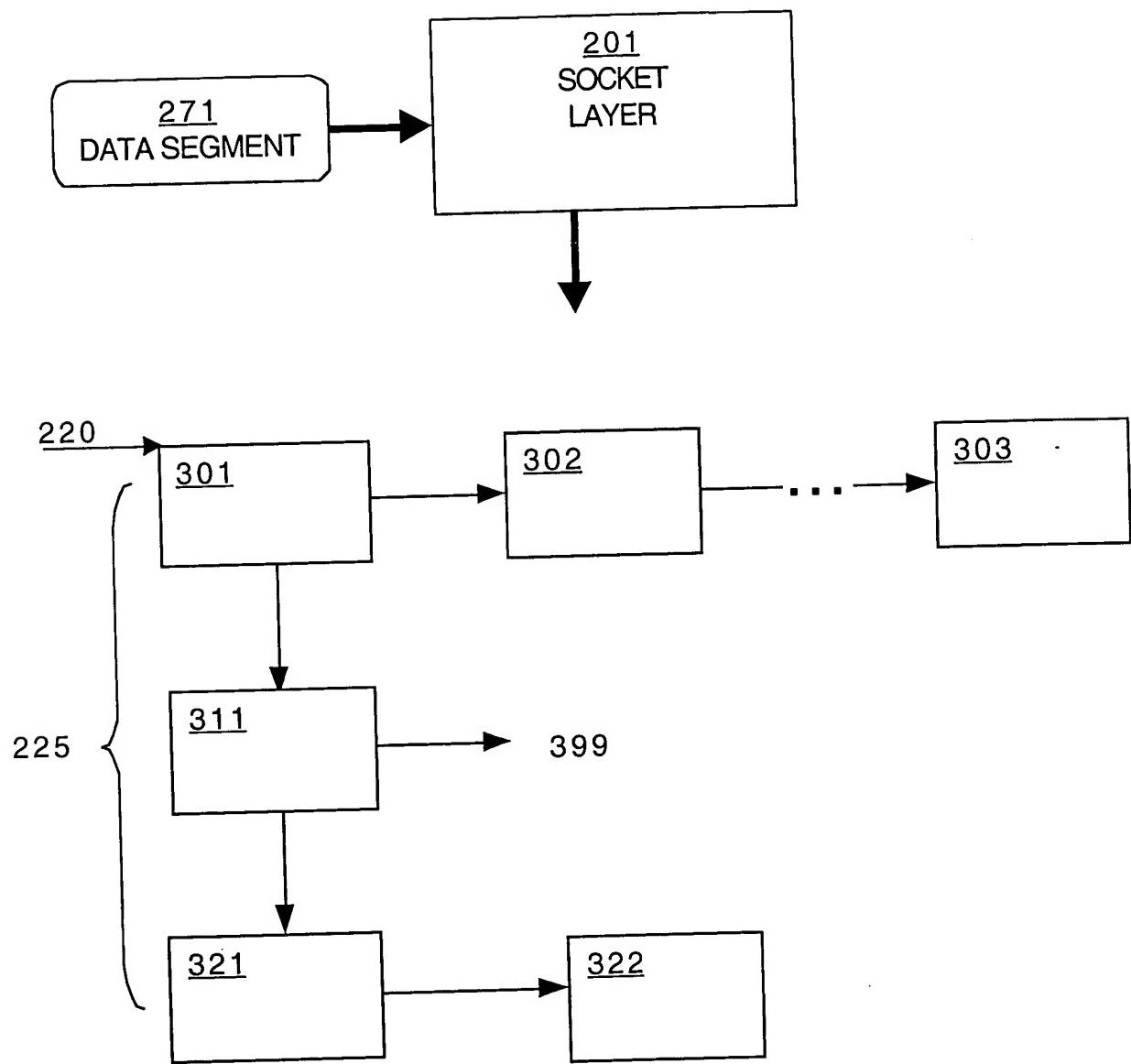


FIGURE 3A

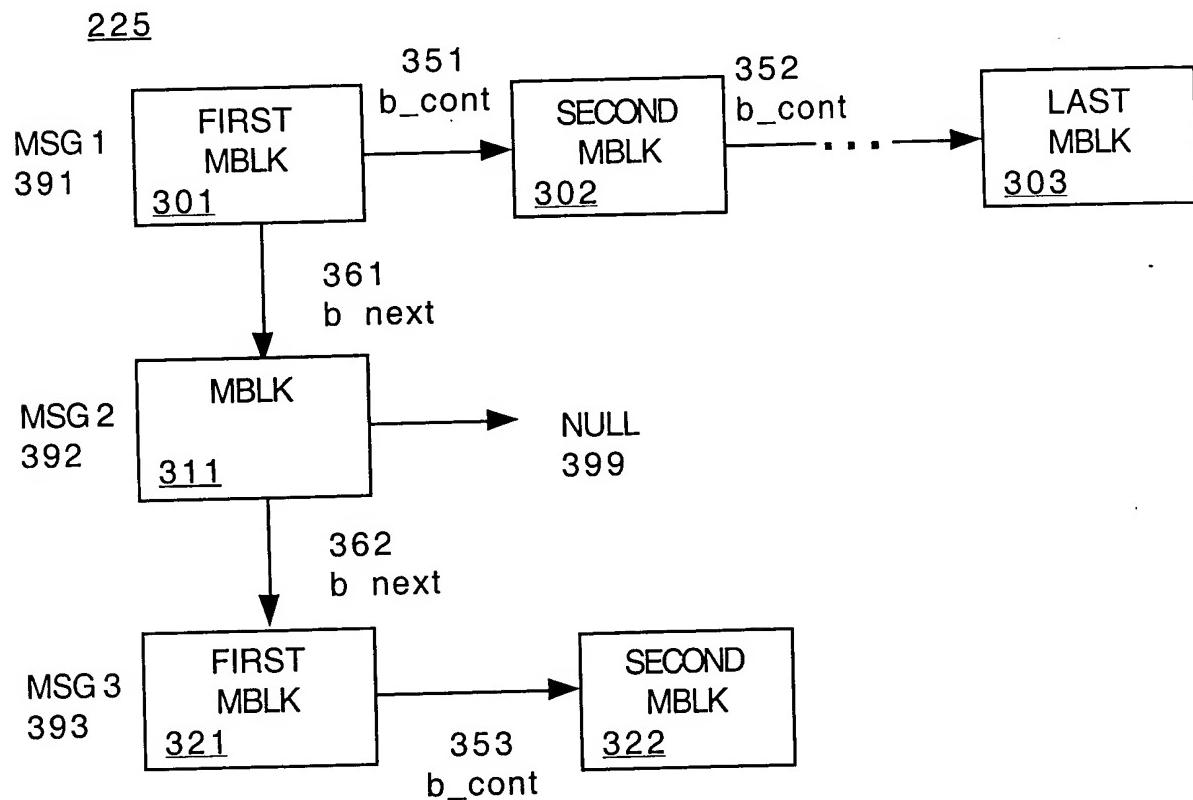


FIGURE 3B

225

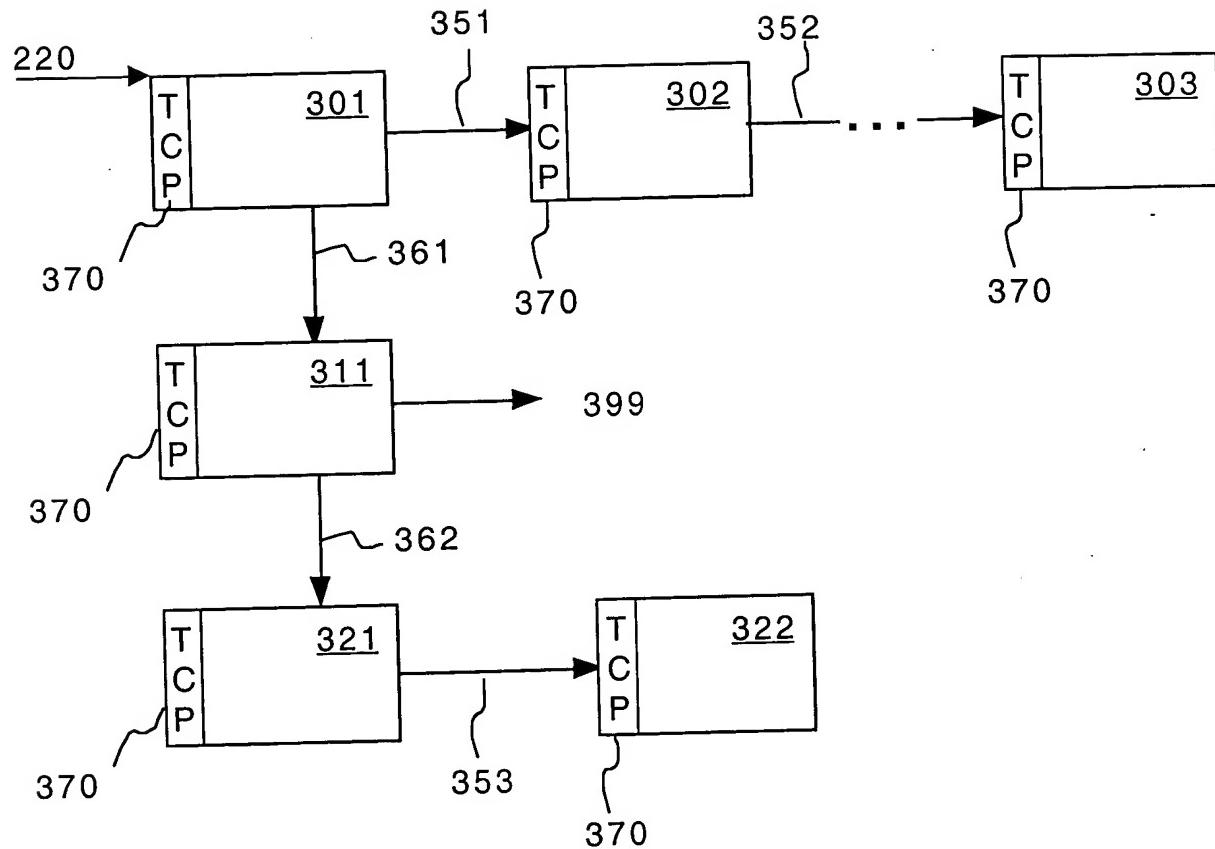


FIGURE 3C

225

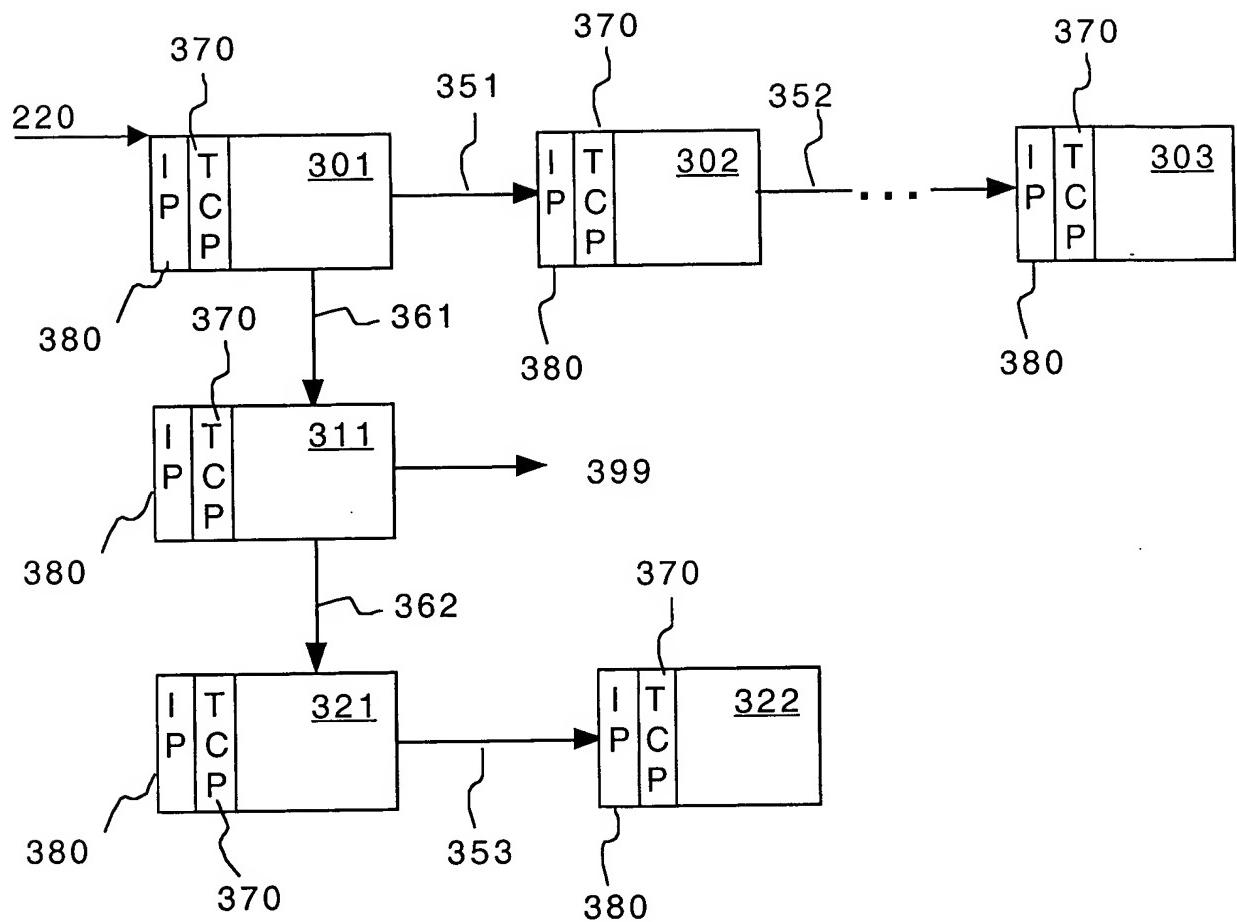


FIGURE 3D

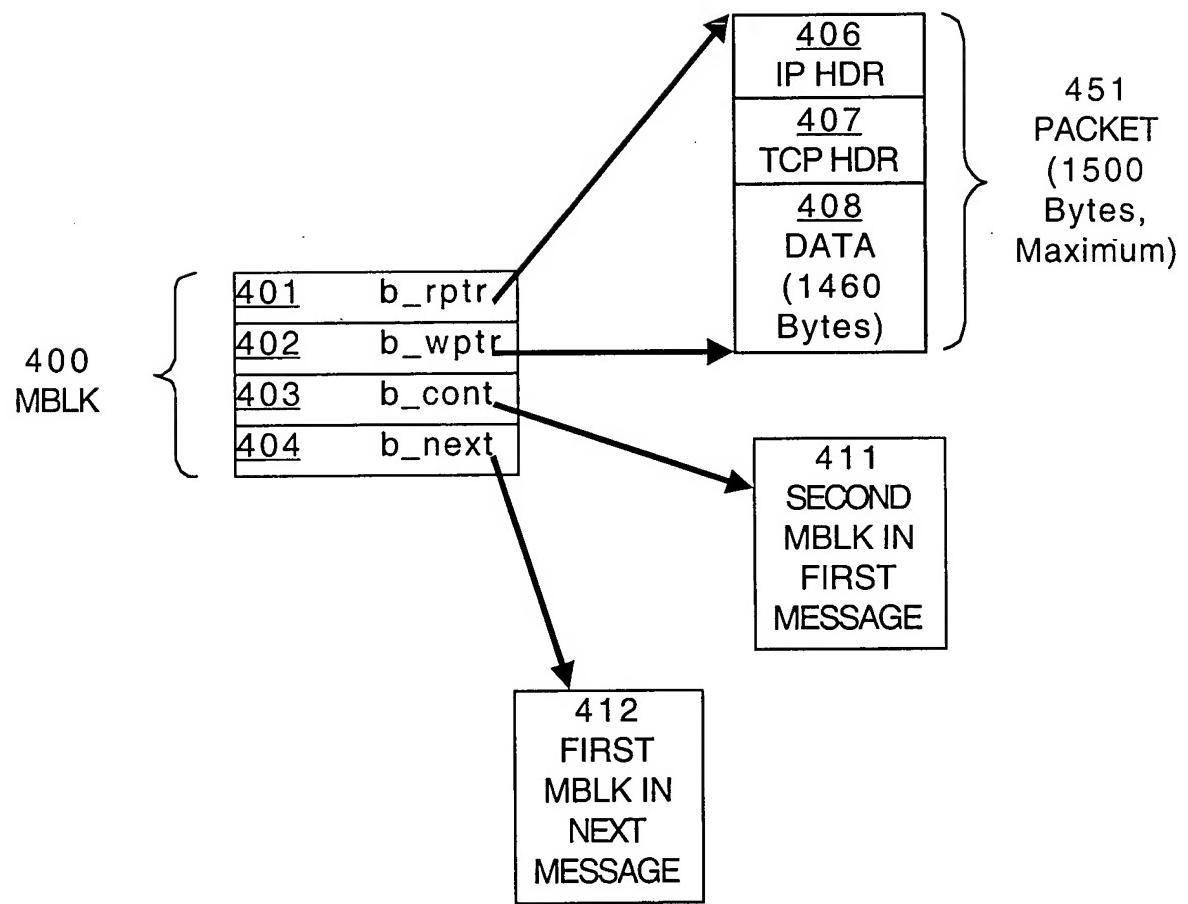


FIGURE 4

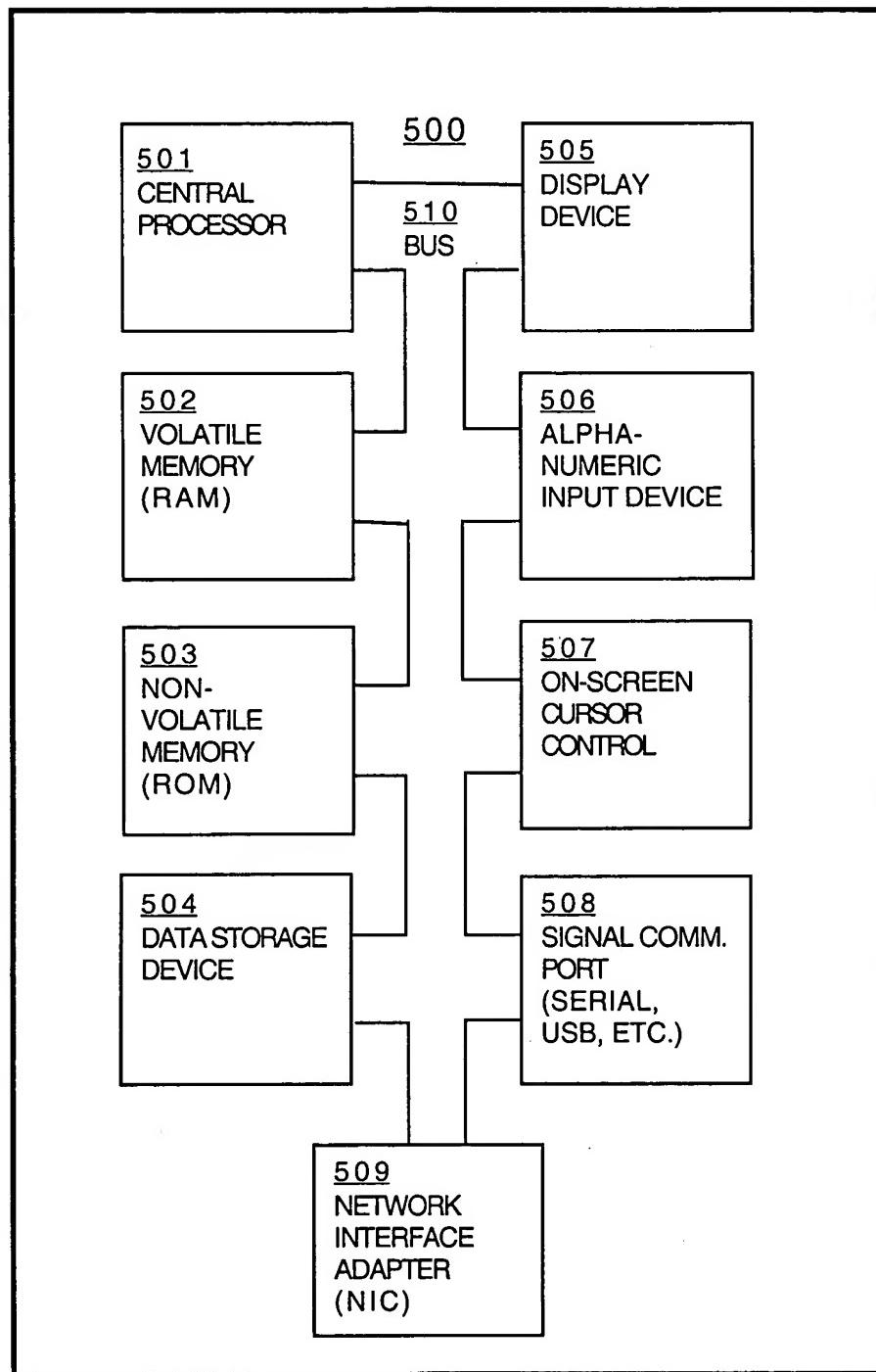


FIGURE 5